



PCT09

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/936,456

DATE: 02/06/2002  
TIME: 18:23:15

Input Set : A:\seqlist.txt  
Output Set: N:\CRF3\02062002\I936456.raw

ENTERED

4 <110> APPLICANT: Bruck, Claudine  
5 Cassart, Jean-Pol  
6 Coche, Thierry  
7 Vinals y de Bassols, Carlota  
9 <120> TITLE OF INVENTION: Novel Compounds  
12 <130> FILE REFERENCE: BC45225  
14 <140> CURRENT APPLICATION NUMBER: 09/936,456  
C--> 15 <141> CURRENT FILING DATE: 2002-01-14  
17 <150> PRIOR APPLICATION NUMBER: 9905607.9  
18 <151> PRIOR FILING DATE: 1999-03-11  
20 <150> PRIOR APPLICATION NUMBER: 9920590.8  
21 <151> PRIOR FILING DATE: 1999-09-01  
23 <150> PRIOR APPLICATION NUMBER: PCT/EP00/02048  
24 <151> PRIOR FILING DATE: 2000-03-09  
26 <160> NUMBER OF SEQ ID NOS: 77  
28 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
30 <210> SEQ ID NO: 1  
31 <211> LENGTH: 1441  
32 <212> TYPE: DNA  
33 <213> ORGANISM: Human  
35 <400> SEQUENCE: 1  
36 aaagtaacgg ctacagacag tgagaaatag tttegetcgc cggctagaaa aactctgtcg 60  
37 gtaccaaccc cagagcgttg agagcagccc acctccacgc ttccttaacg gagagggtgca 120  
38 ggaactcagac ttcaccagcc cactcgggtcc cagccttgta cgcaaagaga cgccaaggac 180  
39 gcgctctccc gcgtccaggg agccccagct tgetggcttg cctgcccggc tgcgtgcagc 240  
40 actcgccggc cgtgcagcat gacctgtgg aacggcgtag tgccttttta cccccagccc 300  
41 cggcatgccg caggcttcag cgttccactg ctcacgttta ttctagtgtt ttgggtctta 360  
42 gcagcaagct tctgtctcat cttgccgggg atccgtggcc actcgcgctg gttttggttg 420  
43 gtgagagttc ttctcagttc gtccataggg gcagaaattg tggtgtgca cttcagtgca 480  
44 gaatgggttc tgggtacagt gaacaccaac acatccatac aagccttcag cgcagcgccg 540  
45 gttacagccc gtgtcgggtc gctcgtgggc ctggagggca ttaattattac actcacaggg 600  
46 accccagtgcc atcagctgaa cgagaccatt gactacaacg agcagttcac ctggcgctcg 660  
47 aaagagaatt acgcgcggga gtacgcgaac gcactggaga aggggctgcc ggaccagtg 720  
48 ctctacctgg cggagaagtt cacacagagt agccttgccg gctgtacca ccagttacc 780  
49 ctggcggggac actacgcctc ggccacgcta tgggtggcgt tctgcttctg gctctctccc 840  
50 aacgtgctgc tctccacgcc ggccccgctc tacggaggcc tggcactgct gaccaccgga 900  
51 gecttcgcgc tcttcggggg cttcgccttg gctccactct ctacgctgcc gctctgcccg 960  
52 ctcgccttag gctcctccgc gctcaccact cagtaaggcg ccgccttctg ggtcacgctg 1020  
53 gcaaccggcg tctgtgcct cttcctcgga ggggcccgtg tgagtctcca gtatgttcgg 1080  
54 cccagcgctc ttgcaccct tctggaccaaa agcgccaagg actgcagcca ggagagaggg 1140  
55 ggctcacctc ttatctcgg cgacccactg cacaagcagg ccgctctccc agacttaaaa 1200  
56 tgtatcacca ctaacctgtg agggggaccc aatctggact ccttccccgc cttgggacat 1260  
57 cgcaggccgg gaagcagtgcc ccgccaggcc tgggccagga gagctccagg aagggcactg 1320

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58 agcgcgtgctg gcgcgaggcc tcggacatcc gcaggcacca gggaaagtct cctggggcga      1380
59 tctgtaaata aacctttttt tcttttgitt tttaaaaaaa aaaaaaaaaa aaaaaaaaaa      1440
60 a                                          1441
62 <210> SEQ ID NO: 2
63 <211> LENGTH: 320
64 <212> TYPE: PRT
65 <213> ORGANISM: Human
67 <400> SEQUENCE: 2
68 Met Thr Leu Trp Asn Gly Val Leu Pro Phe Tyr Pro Gln Pro Arg His
69 1 5 10 15
70 Ala Ala Gly Phe Ser Val Pro Leu Leu Ile Val Ile Leu Val Phe Leu
71 20 25 30
72 Ala Leu Ala Ala Ser Phe Leu Leu Ile Leu Pro Gly Ile Arg Gly His
73 35 40 45
74 Ser Arg Trp Phe Trp Leu Val Arg Val Leu Leu Ser Leu Phe Ile Gly
75 50 55 60
76 Ala Glu Ile Val Ala Val His Phe Ser Ala Glu Trp Phe Val Gly Thr
77 65 70 75 80
78 Val Asn Thr Asn Thr Ser Tyr Lys Ala Phe Ser Ala Ala Arg Val Thr
79 85 90 95
80 Ala Arg Val Gly Leu Leu Val Gly Leu Glu Gly Ile Asn Ile Thr Leu
81 100 105 110
82 Thr Gly Thr Pro Val His Gln Leu Asn Glu Thr Ile Asp Tyr Asn Glu
83 115 120 125
84 Gln Phe Thr Trp Arg Leu Lys Glu Asn Tyr Ala Ala Glu Tyr Ala Asn
85 130 135 140
86 Ala Leu Glu Lys Gly Leu Pro Asp Pro Val Leu Tyr Leu Ala Glu Lys
87 145 150 155 160
88 Phe Thr Pro Ser Ser Pro Cys Gly Leu Tyr His Gln Tyr His Leu Ala
89 165 170 175
90 Gly His Tyr Ala Ser Ala Thr Leu Trp Val Ala Phe Cys Phe Trp Leu
91 180 185 190
92 Leu Ser Asn Val Leu Leu Ser Thr Pro Ala Pro Leu Tyr Gly Gly Leu
93 195 200 205
94 Ala Leu Leu Thr Thr Gly Ala Phe Ala Leu Phe Gly Val Phe Ala Leu
95 210 215 220
96 Ala Ser Ile Ser Ser Val Pro Leu Cys Pro Leu Arg Leu Gly Ser Ser
97 225 230 235 240
98 Ala Leu Thr Thr Gln Tyr Gly Ala Ala Phe Trp Val Thr Leu Ala Thr
99 245 250 255
100 Gly Val Leu Cys Leu Phe Leu Gly Gly Ala Val Val Ser Leu Gln Tyr
101 260 265 270
102 Val Arg Pro Ser Ala Leu Arg Thr Leu Leu Asp Gln Ser Ala Lys Asp
103 275 280 285
104 Cys Ser Gln Glu Arg Gly Gly Ser Pro Leu Ile Leu Gly Asp Pro Leu
105 290 295 300
106 His Lys Gln Ala Ala Leu Pro Asp Leu Lys Cys Ile Thr Thr Asn Leu
107 305 310 315 320
109 <210> SEQ ID NO: 3

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110 <211> LENGTH: 498
111 <212> TYPE: DNA
112 <213> ORGANISM: Human
114 <400> SEQUENCE: 3
115 ctctagcggtg cgcgtctgcc cgtcccgcc taggctcctc cgcgctcacc actcagtaag      60
116 agcgcgcgctt tctgggtcac gctggcaacc ggcgtcctgt gcctcttctt cggagggggcc      120
117 gtggtgagtc tccagtatgt tcggcccagc gctcttcgca cctttctgga ccaaagcgcc      180
118 aaggactgca gccaggagag agggggctca cctcttatcc tcggcgacc actgcacaag      240
119 caggccgctc tccagactt aaaatgtatc accactaacc tgtgaggggg acccaatctg      300
120 gactccttcc ccgccttggg acatcgacag cggggaagca gtgcccgcga ggctggggcc      360
121 aggagagctc caggaagggc actgagcgct gctggcgaga ggctcggac atccgcaggc      420
122 accagggaaa gtctcttggg gcgatctgta aataaacctt tttttctttt gttttttaaa      480
123 aaaaaataaa agtcgacc
125 <210> SEQ ID NO: 4
126 <211> LENGTH: 262
127 <212> TYPE: PRT
128 <213> ORGANISM: Human
130 <400> SEQUENCE: 4
131 Met Asp Pro Asn Thr Val Ser Ser Phe Gln Val Asp Cys Phe Leu Trp
132 1 5 10 15
133 His Val Arg Lys Arg Val Ala Asp Gln Glu Leu Gly Asp Ala Pro Phe
134 20 25 30
135 Leu Asp Arg Leu Arg Arg Asp Gln Lys Ser Leu Arg Gly Arg Gly Ser
136 35 40 45
137 Thr Leu Gly Leu Asp Ile Glu Thr Ala Thr Arg Ala Gly Lys Gln Ile
138 50 55 60
139 Val Glu Arg Ile Leu Lys Glu Glu Ser Asp Glu Ala Leu Lys Met Thr
140 65 70 75 80
141 Met Glu Trp Phe Val Gly Thr Val Asn Thr Asn Thr Ser Tyr Lys Ala
142 85 90 95
143 Phe Ser Ala Ala Arg Val Thr Ala Arg Val Gly Leu Leu Val Gly Leu
144 100 105 110
145 Glu Gly Ile Asn Ile Thr Leu Thr Gly Thr Pro Val His Gln Leu Asn
146 115 120 125
147 Glu Thr Ile Asp Tyr Asn Glu Gln Phe Thr Trp Arg Leu Lys Glu Asn
148 130 135 140
149 Tyr Ala Ala Glu Tyr Ala Asn Ala Leu Glu Lys Gly Leu Pro Asp Pro
150 145 150 155 160
151 Val Leu Tyr Leu Ala Glu Lys Phe Thr Pro Ser Ser Pro Cys Gly Leu
152 165 170 175
153 Tyr His Gln Tyr His Leu Ala Gly His Tyr Ala Ser Ala Thr Leu Trp
154 180 185 190
155 Val Ala Phe Cys Phe Trp Leu Leu Ser Asn Val Leu Leu Ser Thr Pro
156 195 200 205
157 Ala Pro Leu Tyr Gly Gly Leu Ala Leu Leu Thr Thr Gly Ala Phe Ala
158 210 215 220
159 Leu Phe Gly Val Phe Ala Leu Ala Ser Ile Ser Ser Val Pro Leu Cys
160 225 230 235 240
161 Pro Leu Arg Leu Gly Ser Ser Ala Leu Thr Thr Gln Tyr Thr Ser Gly

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```
162                245                250                255
163 His His His His His His
164                260
166 <210> SEQ ID NO: 5
167 <211> LENGTH: 9
168 <212> TYPE: PRT
169 <213> ORGANISM: Human
171 <400> SEQUENCE: 5
172 Phe Leu Gly Gly Ala Val Val Ser Leu
173 1                5
175 <210> SEQ ID NO: 6
176 <211> LENGTH: 9
177 <212> TYPE: PRT
178 <213> ORGANISM: Human
180 <400> SEQUENCE: 6
181 Leu Leu Ile Val Ile Leu Val Phe Leu
182 1                5
184 <210> SEQ ID NO: 7
185 <211> LENGTH: 9
186 <212> TYPE: PRT
187 <213> ORGANISM: Human
189 <400> SEQUENCE: 7
190 Thr Leu Ala Thr Gly Val Leu Cys Leu
191 1                5
193 <210> SEQ ID NO: 8
194 <211> LENGTH: 9
195 <212> TYPE: PRT
196 <213> ORGANISM: Human
198 <400> SEQUENCE: 8
199 Pro Leu Tyr Gly Gly Leu Ala Leu Leu
200 1                5
202 <210> SEQ ID NO: 9
203 <211> LENGTH: 9
204 <212> TYPE: PRT
205 <213> ORGANISM: Human
207 <400> SEQUENCE: 9
208 Gly Leu Pro Asp Pro Val Leu Tyr Leu
209 1                5
211 <210> SEQ ID NO: 10
212 <211> LENGTH: 9
213 <212> TYPE: PRT
214 <213> ORGANISM: Human
216 <400> SEQUENCE: 10
217 Gly Leu Leu Val Gly Leu Glu Gly Ile
218 1                5
220 <210> SEQ ID NO: 11
221 <211> LENGTH: 9
222 <212> TYPE: PRT
223 <213> ORGANISM: Human
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225 <400> SEQUENCE: 11  
226 Trp Leu Val Arg Val Leu Leu Ser Leu  
227 1 5  
229 <210> SEQ ID NO: 12  
230 <211> LENGTH: 9  
231 <212> TYPE: PRT  
232 <213> ORGANISM: Human  
234 <400> SEQUENCE: 12  
235 Phe Ile Gly Ala Glu Ile Val Ala Val  
236 1 5  
238 <210> SEQ ID NO: 13  
239 <211> LENGTH: 9  
240 <212> TYPE: PRT  
241 <213> ORGANISM: Human  
243 <400> SEQUENCE: 13  
244 Cys Leu Phe Leu Gly Gly Ala Val Val  
245 1 5  
247 <210> SEQ ID NO: 14  
248 <211> LENGTH: 9  
249 <212> TYPE: PRT  
250 <213> ORGANISM: Human  
252 <400> SEQUENCE: 14  
253 Val Leu Leu Ser Thr Pro Ala Pro Leu  
254 1 5  
256 <210> SEQ ID NO: 15  
257 <211> LENGTH: 9  
258 <212> TYPE: PRT  
259 <213> ORGANISM: Human  
261 <400> SEQUENCE: 15  
262 Ser Leu Phe Ile Gly Ala Glu Ile Val  
263 1 5  
265 <210> SEQ ID NO: 16  
266 <211> LENGTH: 9  
267 <212> TYPE: PRT  
268 <213> ORGANISM: Human  
270 <400> SEQUENCE: 16  
271 Leu Leu Thr Thr Gly Ala Phe Ala Leu  
272 1 5  
274 <210> SEQ ID NO: 17  
275 <211> LENGTH: 9  
276 <212> TYPE: PRT  
277 <213> ORGANISM: Human  
279 <400> SEQUENCE: 17  
280 Gly Leu Glu Gly Ile Asn Ile Thr Leu  
281 1 5  
283 <210> SEQ ID NO: 18  
284 <211> LENGTH: 9  
285 <212> TYPE: PRT  
286 <213> ORGANISM: Human

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/936,456

DATE: 02/06/2002

TIME: 18:23:16

Input Set : A:\seqlist.txt

Output Set: N:\CRF3\02062002\I936456.raw

L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date